

Jun-Chao Wei

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37 papers	838 citations	16 h-index	28 g-index
38 ext. papers	982 ext. citations	6 avg, IF	4.2 L-index

#	Paper	IF	Citations
37	Aramid nanofiber reinforced cellulose paper for high-safety lithium-ion batteries. <i>Cellulose</i> , 2021 , 28, 10579	5.5	1
36	Two for One: A Biomass Strategy for Simultaneous Synthesis of MnO ₂ Microcubes and Porous Carbon Microcubes for High Performance Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 6333-6342	8.3	6
35	Surface modification of carbon nanotube with gelatin via mussel inspired method. <i>Materials Science and Engineering C</i> , 2020 , 112, 110887	8.3	7
34	Regulating Voltage Window and Energy Density of Aqueous Asymmetric Supercapacitors by Pinecone-Like Hollow Fe ₂ O ₃ /MnO ₂ Nano-Heterostructure. <i>Advanced Materials Interfaces</i> , 2020 , 7, 1901729	4.6	21
33	Layer-by-layer: A Simple and Effective Way to Construct Antibacterial Surfaces. <i>Current Pharmaceutical Design</i> , 2019 , 25, 105-106	3.3	1
32	L-cysteine modified ZnO: Small change while great progress. <i>Materials Science and Engineering C</i> , 2019 , 103, 109818	8.3	13
31	A Chemical Blowing Strategy to Fabricate Biomass-Derived Carbon-Aerogels with Graphene-Like Nanosheet Structures for High-Performance Supercapacitors. <i>ChemSusChem</i> , 2019 , 12, 2462-2470	8.3	24
30	When Al-Doped Cobalt Sulfide Nanosheets Meet Nickel Nanotube Arrays: A Highly Efficient and Stable Cathode for Asymmetric Supercapacitors. <i>ACS Nano</i> , 2018 , 12, 3030-3041	16.7	148
29	Ultrathin and Strong Electrospun Porous Fiber Separator. <i>ACS Applied Energy Materials</i> , 2018 , 1, 4794-4803	4.3	24
28	Chiral ZnO nanoparticles for detection of dopamine. <i>Materials Science and Engineering C</i> , 2018 , 93, 739-745	7.5	20
27	Mussel-Inspired, Biomimetics-Assisted Self-Assembly of Co ₃ O ₄ on Carbon Fibers for Flexible Supercapacitors. <i>ChemElectroChem</i> , 2017 , 4, 2269-2277	4.3	17
26	Construction of Bio-Inspired Composites for Bone Tissue Repair. <i>ACS Symposium Series</i> , 2017 , 153-167	0.4	1
25	A pinecone-inspired hierarchical vertically aligned nanosheet array electrode for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 23349-23360	13	30
24	Antibacterial zinc oxide hybrid with gelatin coating. <i>Materials Science and Engineering C</i> , 2017 , 81, 321-326	8.3	32
23	Graphene Oxide-Graft-Poly(l-lactide)/Poly(l-lactide) Nanocomposites: Mechanical and Thermal Properties. <i>Polymers</i> , 2017 , 9,	4.5	11
22	Safe and flexible ion gel based composite electrolyte for lithium batteries. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 14132-14140	13	38
21	High-throughput sequencing of microbial diversity in implant-associated infection. <i>Infection, Genetics and Evolution</i> , 2016 , 43, 307-11	4.5	3

20	The "Pure Marriage" between 3D Printing and Well-Ordered Nanoarrays by Using PEALD Assisted Hydrothermal Surface Engineering. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8393-400	9.5	16
19	Enzyme-mediated in situ formation of pH-sensitive nanogels for proteins delivery. <i>RSC Advances</i> , 2016 , 6, 8032-8042	3.7	21
18	Silicon dioxide@graphene oxide-graft-poly(L-benzyl-L-glutamate) as an advanced hybrid nanofiller reinforces poly(L-lactide). <i>RSC Advances</i> , 2016 , 6, 5688-5694	3.7	4
17	Biodegradable Polymer Membranes Applied in Guided Bone/Tissue Regeneration: A Review. <i>Polymers</i> , 2016 , 8,	4.5	136
16	A lotus root inspired implant system with fever responsive characteristics and 3D printing defined nano-antibiotic release patterns. <i>RSC Advances</i> , 2016 , 6, 76785-76788	3.7	1
15	Elastomers uploaded electrospun nanofibrous membrane as solid state polymer electrolytes for lithium-ion batteries. <i>RSC Advances</i> , 2015 , 5, 82960-82967	3.7	1
14	Disulfide-crosslinked poly(L-glutamic acid) grafted mesoporous silica nanoparticles and their potential application in drug delivery. <i>Chemical Research in Chinese Universities</i> , 2015 , 31, 890-894	2.2	3
13	Preparation of antibacterial silver nanoparticle-coated PLLA grafted hydroxyapatite/PLLA composite electrospun fiber. <i>Journal of Controlled Release</i> , 2015 , 213, e62-3	11.7	5
12	A Facile approach to NiCoO ₂ intimately standing on nitrogen doped graphene sheets by one-step hydrothermal synthesis for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7121-7131	13	83
11	Water dispersible, non-cytotoxic, cross-linked luminescent AIE dots: Facile preparation and bioimaging applications. <i>Applied Surface Science</i> , 2014 , 322, 155-161	6.7	25
10	Electrospun poly(L-lactide) nanofibers loaded with paclitaxel and water-soluble fullerenes for drug delivery and bioimaging. <i>New Journal of Chemistry</i> , 2014 , 38, 6223-6229	3.6	23
9	A novel thermal and pH responsive drug delivery system based on ZnO@PNIPAM hybrid nanoparticles. <i>Materials Science and Engineering C</i> , 2014 , 45, 524-9	8.3	38
8	Multiple drug-loaded electrospun PLGA/gelatin composite nanofibers encapsulated with mesoporous ZnO nanospheres for potential postsurgical cancer treatment. <i>RSC Advances</i> , 2014 , 4, 28011-28019	3.7	37
7	Novel method to graft chitosan on the surface of hydroxyapatite nanoparticles via click reaction. <i>Chemical Research in Chinese Universities</i> , 2014 , 30, 1063-1065	2.2	9
6	Crystallization and degradation behaviors of poly(butylene succinate)/poly(Z-l-lysine) composites. <i>Thermochimica Acta</i> , 2014 , 575, 279-284	2.9	4
5	Synthesis and characterization of biodegradable poly(butylene succinate)-co-oligo(L-valine) copolyesters via direct melt transesterification. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 3092-3099	2.9	2
4	Fluorescence and phase transitions of Mg-Al-Eu ternary layered double hydroxides dependence on annealing. <i>Clay Minerals</i> , 2011 , 46, 487-493	1.3	4
3	Mechanical and thermal properties of polypeptide modified hydroxyapatite/poly(L-lactide) nanocomposites. <i>Science China Chemistry</i> , 2011 , 54, 431-437	7.9	13

- 2 Synthesis of novel biodegradable poly(butylene succinate) copolyesters composing of isosorbide and poly(ethylene glycol). *Journal of Applied Polymer Science*, **2011**, 121, 2291-2300 2.9 13
- 1 Surface Modification of Hydroxyapatite for Bone Tissue Engineering61-82